

## NEW BOOKS.

VICTOR V. RICHTER'S ORGANIC CHEMISTRY OR CHEMISTRY OF THE CARBON COMPOUNDS, edited by PROF. R. ANSCHÜTZ. Authorized translation by EDGAR F. SMITH, Professor of Chemistry, University of Pennsylvania. Third American from the eighth German edition. VOL. I, CHEMISTRY OF THE ALIPHATIC SERIES. Philadelphia: P. Blakiston's Son & Co. 625 pp. Price, \$3.00.

There are at present three pretty clearly defined classes of works on organic chemistry: (1) elementary text-books, which aim to give a systematic account of the general principles of the science and of the more important typical compounds and their relations to each other; (2) larger text-books, containing large quantities of material necessarily omitted from books of the first class, —material which the student will find very useful to have always at hand on his study-table or at his laboratory desk, but most of which no student can ever master in all of its detail; and (3) hand-books, aiming to give a complete record of the facts of the science now known. The book before us is one of the best of the works of the second class. The work of revision, which is imperatively necessary at frequent intervals in this subject, has been ably executed by Professor Anschütz. The translation by Professor Smith is clear and very satisfactory. It is impossible to avoid some errors in proof-reading, of course, but such errors appear to be very infrequent.

The discussion of the general principles of nomenclature, on p. 57, is too short to be satisfactory, and the attitude assumed toward the proposals of the Geneva Commission is disappointing. Also the promise that "the more important suggestions of the commission will receive full consideration under the various classes of bodies" is not fulfilled in such a manner that a beginner is likely to get a clear idea of the Geneva nomenclature from the book.

The brief, clear, historical treatment of many topics is a very excellent feature and adds greatly to the value of the book.

W. A. NOYES.

TRAITÉ D'ANALYSE CHIMIQUE QUANTITATIVE PAR ELECTROLYSE. PAR J. RIBAN, Professeur Chargé du d'Analyse Chimique, etc., L'Université de Paris. Paris: Masson et Cie, 1899. vi + 304 pp.

This volume consists of four parts. The first part considers